

**From:** Tyahla.Stephen@epamail.epa.gov  
**Sent:** Thursday, March 10, 2011 9:09 AM  
**To:** Whelan, Joseph <JWhelan1@wm.com>  
**Subject:** Re: Daily Progress Report for March 9, 2011

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Thanks Joe!

I'll see you just after lunch.

(Sent from my iPhone.)

Stephen F. Tyahla, P.E., CHMM  
Project Manager, RCRA Corrective Action Office  
Waste Management Division  
U.S. EPA Region IX  
75 Hawthorne Street (WST-5)  
San Francisco, CA 94105  
Ph. 415.972.3466 / Fax 415.947.3533  
tyahla.stephen@epa.gov

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-----"Whelan, Joseph" <JWhelan1@wm.com> wrote: -----

To: Arlene Kabei/R9/USEPA/US@EPA, Steve Armann/R9/USEPA/US@EPA, Rich Vaille/R9/USEPA/US@EPA, Stephen Tyahla/R9/USEPA/US@EPA, Bret Moxley/R9/USEPA/US@EPA, Andrew Helmlinger/R9/USEPA/US@EPA, Steve Wall/R9/USEPA/US@EPA, "stuart.yamada@doh.hawaii.gov" <stuart.yamada@doh.hawaii.gov>, "Steven.chang@doh.hawaii.gov" <Steven.chang@doh.hawaii.gov>, "alec.wong@doh.hawaii.gov" <alec.wong@doh.hawaii.gov>  
From: "Whelan, Joseph" <JWhelan1@wm.com>  
Date: 03/09/2011 07:18PM  
Subject: Daily Progress Report for March 9, 2011

Greetings all.

Please find below the daily progress report for work items contained within the recently approved AOC.

## ***ACTIONS PERFORMED AND DEVELOPMENTS ANTICIPATED***

### **Cell 6 Assessment:**

1. The QCA report documenting the evaluation and repair of the southwestern portion of the E6 liner system was submitted February 25, 2011. We received notification from DOH on March 1, 2011 concurring that the CQA report was adequate documentation of the liner repairs, which allows WMH to resume operations in this area.
2. The northwest section of the Cell E6 liner was also damaged in the January 13, 2011 storm. This area is located directly below the section of the storm water diversion system where the open box culvert ties into the Hobas pipe. Consequently, any rock and soil material generated from the January storm event and the construction of the diversion system in this area must be removed prior to the evaluation and repair of the liner. This removal activity is ongoing and is expected to be completed within the next 2 weeks, weather permitting.

### **Western Storm water Diversion Project (to render functional):**

- 1) Diversion Structure: The final wall section of the diversion structure is now in place.
- 2) Box Culvert: The contractor has completed forming the transition structure from box culvert invert to pipe invert. Half of the concrete for this structure was poured on March 1, 2011. The remainder is scheduled to be poured on 3/10/2011. Rebar work on box culvert walls is ongoing.
- 3) Pipe: Backfilling of the HOBAS pipe channel is now complete.
- 4) The diversion structure is functionally complete per the terms of Section 19.b. of the AOC.

### **Cell 6 Leachate Riser Restoration:**

1. 15,100 gallons were pumped from the Cell E6 leachate riser storage tank today and transported to the waste water treatment plant.
2. Zero gallons of water was pumped from the south pond area today and transported to the local waste water treatment plant. This area currently contains no ponded water and is being prepped for the next phase of the Western Berm Construction.
3. Zero gallons of mud/water was pumped from the south pond area today and placed within the onsite separation tanks. Zero gallons of water was pumped today from these separation tanks.

**Sediment Basin:**

1. Showers this week have resulted in the additional accumulation of storm water which prevented removal of silt/rock material from the northern portion of the sedimentation basin.
2. The contractor pumped 75,300 gallons of storm water from the sedimentation basin today and transported to the waste water treatment plant.

**Evaluating possible hydraulic head below liner system:**

1. Per the work plan submitted to EPA on 2/1/2011, we have drilled to depth at temporary piezometer locations PZ-1, PZ-5 and PZ-6. No water was encountered during the drilling process. Since no water was observed, temporary piezometers were not installed. The documentation report was submitted on February 25, 2011.

**Beach Assessment Update:**

1. The daily beach assessment phase of this task is complete. There were no calls received at the established beach waste hot line today.

***ANALYTICAL DATA RECEIVED DURING REPORTING PERIOD - None***

***ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS - None***

***Please let me know if you have any questions.***

***Best regards,***

***Joe Whelan***

General Manager  
Waste Management of Hawaii  
808-668-2985, ext. 15 Office  
808-668-1366 Fax  
808-479-4610 Mobile

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